

ABSTRACT

A method and apparatus for measuring or converting voltage, the method comprising: applying an input voltage to a primary delay line; applying a reference voltage to a timer delay line; propagating a delay signal through the primary delay line; propagating a timer signal through the timer delay line; establishing a sampling period based on the timer signal propagation; and measuring an extent of delay signal propagation along the primary delay line during the established sampling period, the measured signal propagation extent being indicative of a difference between the input voltage and the reference voltage.